

# RQ 160 LED PLUS P 2300LM 830 IP44/20 I CL. AW3H MAT (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |         |
|------------------------------------|---------|
| Index:                             | 571541  |
| Ingress protection:                | IP44/20 |
| Rated power of the luminaire [W]*: | 22      |
| Luminous flux [lm]*:               | 2300    |
| Colour temperature [K]:            | 3000    |
| Colour rendering index:            | 80      |
| Energy efficiency class:           | E       |
| Material of the body:              | ABS     |
| Colour of the body:                | white   |
| Diffuser material:                 | PC      |

## CHARACTERISTICS

RQ 160 LED PLUS P AW is a new line of round luminaires. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, therefore it is characterized by low weight. The diffuser provides excellent light transmission. The integrated LED module guarantees low power consumption and all the advantages of modern LED light sources.

## APPLICATION

Recessed-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

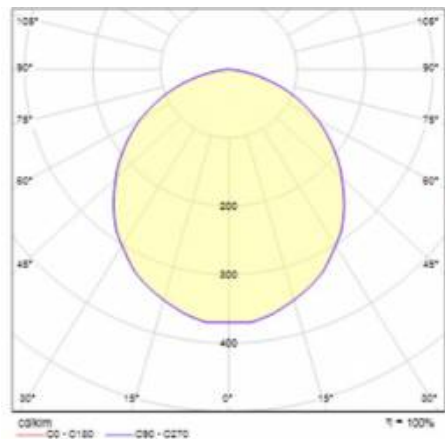
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |  |
|-----------------------------------|---------------|------------------------------|--|
| Index:                            | 571541        | Colour of the body:          | white                                    |
| EAN:                              | 5905963571541 | Dimensions (H/W/T/S) [mm]:   | 162/70                                   |
| Rated power of the luminaire [W]: | 22            | Mounting dimensions [mm]:    | ø150                                     |
| Supply voltage [V]:               | 220 - 240     | Impact resistance:           | IK08                                     |
| Frequency [Hz]:                   | 50 - 60       | Ingress protection:          | IP44/20                                  |
| Luminous flux [lm]:               | 2300          | Mounting version:            | recessed                                 |
| Emergency luminous flux [lm]*:    | 180           | Working temperature [°C]:    | od -20 do +35                            |
| Luminous efficacy [lm/W]:         | 105           | Emergency lighting [h]:      | 3  |
| Energy efficiency class:          | E             | Number on the palette [pcs]: | 180                                      |
| Electrical protection class:      | I             | Net weight [kg]:             | 0.800                                    |
| Colour temperature [K]:           | 3000          | Category type:               | downlights, dual-function luminaires     |
| Colour rendering index:           | 80            | Operating mode:              | M  |
| SDCM:                             | ≤ 3           | UGR (4H8H):                  | <28                                      |
| Power factor:                     | 0.99          | LED lifespan L70B50 [h]:     | 132000                                   |
| Charging time [h:min]:            | 24            | LED lifespan L80B20 [h]:     | 84000                                    |
| Battery life [h:min]:             | 3             | LED lifespan L90B10 [h]:     | 42000                                    |
| Beam angle [°]:                   | 110           | Technical Warranty:          | 2 / 0.5 (battery)                        |
| Battery:                          | Ni-Mh         | CE certificate:              | <a href="#">322/2023</a>                 |
| Battery capacity [mAh]:           | 2100          | CNBOP certificate:           | <a href="#">5152/2023</a>                |
| Diffuser material:                | PC            | Manual:                      | <a href="#">Download PDF</a>             |
| Diffuser type:                    | matt          | Photobiological safety:      | RG0 - exempt (no photobiological hazard) |
| Material of the body:             | ABS           | Plik LDT:                    | <a href="#">Download</a>                 |

## LIGHT CURVES



Card creation date: 09 January 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 322/2023



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